



BUREAU OF AUTOMOTIVE REPAIR
10240 SYSTEMS PARKWAY, SACRAMENTO, CA 95827



Official Notice

April 2, 2003

To: Licensed Smog Check Technicians and Station Operators

Subject: Expanded Loaded Mode Testing for Heavy Duty Vehicles

Recent regulatory changes expand the Acceleration Simulation Mode (ASM) loaded-mode testing requirement. Currently, the ASM test requirement is limited to vehicles with a GVWR below 8,501 pounds. Beginning **May 1, 2003**, Smog Check stations must test vehicles registered in enhanced Smog Check areas, with a GVWR of 9,999 and below, using the ASM test mode. This includes gasoline, methanol/ethanol, LPG, CNG and LNG powered vehicles. This expanded ASM requirement is included in your BAR-97 Addendum 8 software update.

These new test requirements exclude motorhomes above 8,500 GVWR and other heavy-duty (HD) vehicles with a GVWR from 8,501- 9,999 that are either too large or too heavy to safely place on the dynamometer; see the enclosed procedures for details. There are no test changes affecting HD vehicles with a GVWR of 10,000 pounds and above; they will continue to receive a two-speed idle test.

Enclosed you will find the revised ASM testing procedures for the Smog Check Inspection Manual. These procedures update the existing pages of the Smog Check Inspection Manual and must be inserted into the manual in place of the current pages (49-50, 59-64). Starting **May 1, 2003**, Smog Check technicians must follow these procedures when conducting ASM inspections.

Please [click here](#) to view the expanded ASM testing procedures.